

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
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Application Serial Number: 10/825,074
Source: 1Fw/6
Date Processed by STIC: 7/19/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 07/19/2006

PATENT APPLICATION: US/10/825,074

TIME: 10:29:36

Input Set : N:\Cr3\RULE60\10825074.txt

Output Set: N:\CRF4\07192006\J825074.raw

SEQUENCE LISTING

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3 (1) GENERAL INFORMATION:
4     (i) APPLICANT: Grossman, Paul D.
5             Fung, Steven
6             Menchen, Steven M.
7             Woo, Sam L.
8             Winn-Deen, Emily S.
9     (ii) TITLE OF INVENTION: Probe Composition and Method
10    (iii) NUMBER OF SEQUENCES: 8
11    (iv) CORRESPONDENCE ADDRESS:
12            (A) ADDRESSEE: Dehlinger & Associates, LLP
13            (B) STREET: P.O. Box 60850
14            (C) CITY: Palo Alto
15            (D) STATE: CA
16            (E) COUNTRY: USA
17            (F) ZIP: 94306
18    (v) COMPUTER READABLE FORM:
19            (A) MEDIUM TYPE: Floppy disk
20            (B) COMPUTER: IBM PC compatible
21            (C) OPERATING SYSTEM: PC-DOS/MS-DOS
22            (D) SOFTWARE: PatentIn Release #1.0, Version #1.25
23    (vi) CURRENT APPLICATION DATA:
C--> 24            (A) APPLICATION NUMBER: US/10/825,074
C--> 25            (B) FILING DATE: 14-Apr-2004
26            (C) CLASSIFICATION:
27    (vii) PRIOR APPLICATION DATA:
W--> 28            (A) APPLICATION NUMBER: US/10/167,337
29            (B) FILING DATE: 10-Jun-2002
W--> 30            (A) APPLICATION NUMBER: US/09/111,632
31            (B) FILING DATE:
W--> 32            (A) APPLICATION NUMBER: 08/643,709
33            (B) FILING DATE:
34    (viii) ATTORNEY/AGENT INFORMATION:
35            (A) NAME: Powers, Vincent M.
36            (B) REGISTRATION NUMBER: 36,246
37            (C) REFERENCE/DOCKET NUMBER: 0550-0023.34
38    (ix) TELECOMMUNICATION INFORMATION:
39            (A) TELEPHONE: (650) 324-0880
40            (B) TELEFAX: (650) 324-0960
41 (2) INFORMATION FOR SEQ ID NO: 1:
42     (i) SEQUENCE CHARACTERISTICS:
43         (A) LENGTH: 48 base pairs
44         (B) TYPE: nucleic acid

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45         (C) STRANDEDNESS: single
46         (D) TOPOLOGY: linear
W--> 47     (ii) MOLECULE TYPE: DNA
48     (iii) HYPOTHETICAL: NO
49     (iv) ANTI-SENSE: NO
50     (vi) ORIGINAL SOURCE:
51         (C) INDIVIDUAL ISOLATE: synthetic polynucleotide/F508 region
52                                 of cystic fibrosis gene
53     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
54 GCACCATTAA AGAAAATATC ATCTTTGGTG TTTCTATGA TGAATATA           48
56 (2) INFORMATION FOR SEQ ID NO: 2:
57     (i) SEQUENCE CHARACTERISTICS:
58         (A) LENGTH: 24 base pairs
59         (B) TYPE: nucleic acid
60         (C) STRANDEDNESS: single
61         (D) TOPOLOGY: linear
W--> 62     (ii) MOLECULE TYPE: DNA
63     (iii) HYPOTHETICAL: NO
64     (iv) ANTI-SENSE: NO
65     (vi) ORIGINAL SOURCE:
66         (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
67     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
68 TTGGTGTTTC CTATGATGAA TATA           24
70 (2) INFORMATION FOR SEQ ID NO: 3:
71     (i) SEQUENCE CHARACTERISTICS:
72         (A) LENGTH: 25 base pairs
73         (B) TYPE: nucleic acid
74         (C) STRANDEDNESS: single
75         (D) TOPOLOGY: linear
W--> 76     (ii) MOLECULE TYPE: DNA
77     (iii) HYPOTHETICAL: NO
78     (iv) ANTI-SENSE: NO
79     (vi) ORIGINAL SOURCE:
80         (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
81     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
82 GGCACCATTA AAGAAAATAT CATCT           25
84 (2) INFORMATION FOR SEQ ID NO: 4:
85     (i) SEQUENCE CHARACTERISTICS:
86         (A) LENGTH: 4 amino acids
87         (B) TYPE: amino acid
88         (C) STRANDEDNESS: single
89         (D) TOPOLOGY: linear
90     (ii) MOLECULE TYPE: peptide
91     (iii) HYPOTHETICAL: NO
92     (vi) ORIGINAL SOURCE:
93         (C) INDIVIDUAL ISOLATE: synthetic tetrapeptide
94     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
95     Phe Ala Phe Ala
96     1

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98 (2) INFORMATION FOR SEQ ID NO: 5:
99     (i) SEQUENCE CHARACTERISTICS:
100         (A) LENGTH: 8 amino acids
101         (B) TYPE: amino acid
102         (C) STRANDEDNESS: single
103         (D) TOPOLOGY: linear
104     (ii) MOLECULE TYPE: peptide
105     (iii) HYPOTHETICAL: NO
106     (vi) ORIGINAL SOURCE:
107         (C) INDIVIDUAL ISOLATE: synthetic octapeptide
108     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
109         Phe Ala Phe Ala Phe Ala Phe Ala
110         1      5
112 (2) INFORMATION FOR SEQ ID NO: 6:
113     (i) SEQUENCE CHARACTERISTICS:
114         (A) LENGTH: 25 base pairs
115         (B) TYPE: nucleic acid
116         (C) STRANDEDNESS: single
117         (D) TOPOLOGY: linear
W--> 118     (ii) MOLECULE TYPE: DNA
119     (iii) HYPOTHETICAL: NO
120     (iv) ANTI-SENSE: NO
121     (vi) ORIGINAL SOURCE:
122         (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
123     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
124     TTGGTGTTC CTATGATGAA TATAG                                     25
126 (2) INFORMATION FOR SEQ ID NO: 7:
127     (i) SEQUENCE CHARACTERISTICS:
128         (A) LENGTH: 26 base pairs
129         (B) TYPE: nucleic acid
130         (C) STRANDEDNESS: single
131         (D) TOPOLOGY: linear
W--> 132     (ii) MOLECULE TYPE: DNA
133     (iii) HYPOTHETICAL: NO
134     (iv) ANTI-SENSE: NO
135     (vi) ORIGINAL SOURCE:
136         (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
137     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
138     CTATATTCAT CATAGGAAAC ACCAAA                                     26
140 (2) INFORMATION FOR SEQ ID NO: 8:
141     (i) SEQUENCE CHARACTERISTICS:
142         (A) LENGTH: 24 base pairs
143         (B) TYPE: nucleic acid
144         (C) STRANDEDNESS: single
145         (D) TOPOLOGY: linear
W--> 146     (ii) MOLECULE TYPE: DNA
147     (iii) HYPOTHETICAL: NO
148     (iv) ANTI-SENSE: NO
149     (vi) ORIGINAL SOURCE:

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150 (C) INDIVIDUAL ISOLATE: synthetic polynucleotide
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
152 GATGATATTT TCTTTAATGG TGCC

24

VERIFICATION SUMMARY

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Input Set : N:\Crf3\RULE60\10825074.txt

Output Set: N:\CRF4\07192006\J825074.raw

L:24 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:25 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:30 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:32 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1)(vii)
L:47 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:62 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
L:76 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:118 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=6
L:132 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=7
L:146 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=8